

Attorney Docket No. 01224/LH

Express Mail Mailing Label

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

No.:EL 759 977 515 US

Date of Deposit: April 12, 2001

Applicant(s): Nobuyasu SAKAI et al

Serial No. :

Filed : HEREWITH

For : MULTI-FUNCTIONAL  
VIBRATION ACTUATOR  
CAPABLE OF SUPPRESSING  
AN UNSTABLE OPERATION...

Art Unit :

Examiner :

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

  
Sharon Portnoy

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper to Account No. 06-1378.

**PRELIMINARY AMENDMENT**

Assistant Commissioner of Patents  
Washington, D.C. 20231

S I R :

Please amend the above-identified application as follows:

**IN THE SPECIFICATION:**

Page 9, lines 2-8, replace the paragraph as follows:

The L-shaped portion 23 is shaped in an L shape in section to make two particular surfaces perpendicular to each other. The particular surfaces are directed inward in the radial direction of the vibration actuator. An adhesive or the like fixedly attaches the coil 17 to the particular surfaces of the L-shaped portion 23 of the vibration member 18.

Page 9, lines 12-18, replace the paragraph as follows:

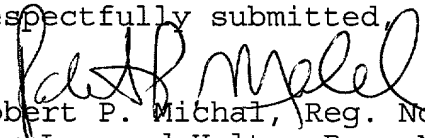
The vibration actuator of Fig. 5 is different from that of Figs. 1A and 1B in that the L-shaped portion 23 of the vibration member 18 in Fig. 1A is replaced by a U-shaped portion 36. With this structure, the coil 17 is fitted in the U-shaped portion 36 and kept in contact with the vibration member 18 at three surfaces. Therefore, the coil 17 is hardly released from the vibration member 18 as compared with the L shape illustrated in Figs. 1A or 4 and providing two surfaces as contact surfaces. Thus, this structure is highly reliable.

**IN THE DRAWINGS:**

Please amend Fig. 6A as indicated in red on the accompanying copy thereof.

Upon approval, a new corrected Formal Drawing will be supplied in due course.

Respectfully submitted,

  
Robert P. Michal, Reg. No. 35,614  
for Leonard Holtz, Reg. No. 22,974

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PATENT TRADEMARK OFFICE

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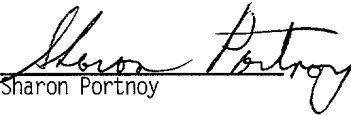
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**LETTER TO THE OFFICIAL DRAFTSPERSON**

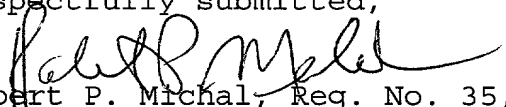
Assistant Commissioner of Patents  
Washington, D.C. 20231

S I R :

It is respectfully requested that the Examiner and the Official Draftsperson approve of the proposed amendment to Fig. 6A as indicated in red on the accompanying copy thereof.

Upon approval and upon allowance of a claim, a new corrected Formal Drawing will be supplied in due course.

Respectfully submitted,

  
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for Leonard Holtz, Reg. No. 22,974

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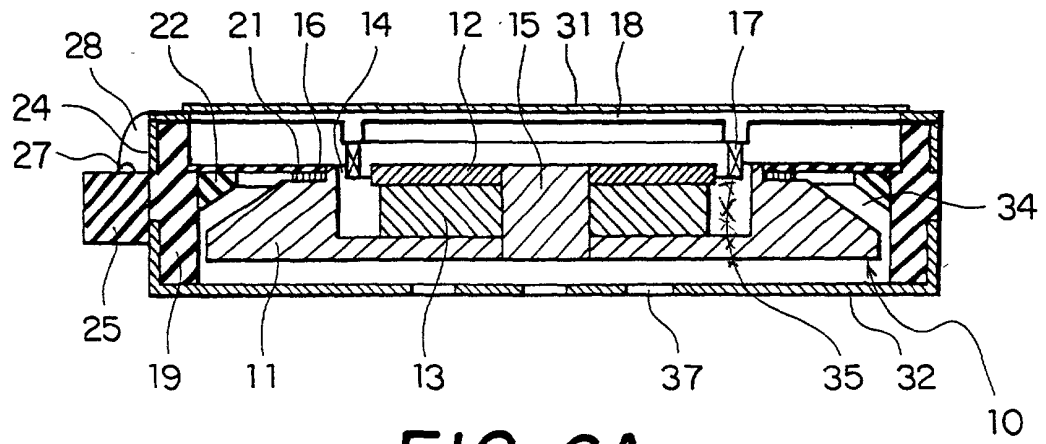


FIG. 6A

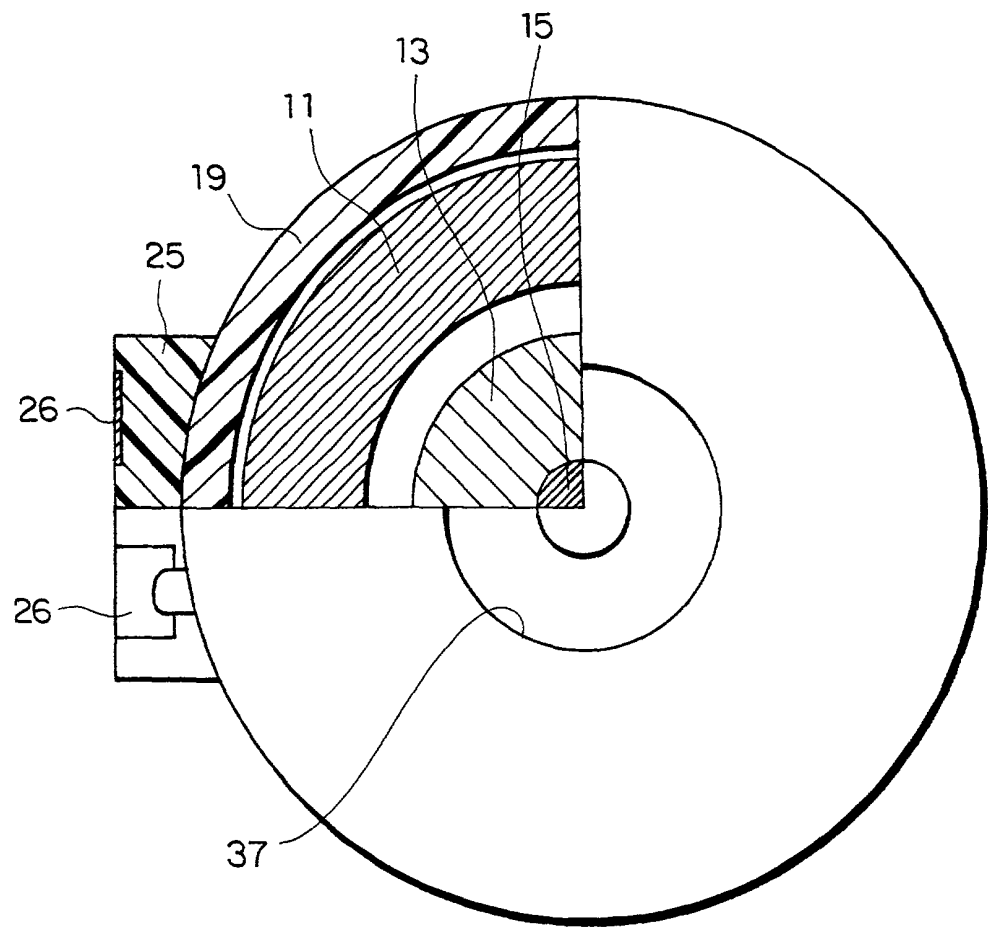


FIG. 6B